PATENT 3759-0120P

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant:

THASTRUP, OLe at 1.

Conf.:

UNASSIGNED

Appl. No.:

NEW

Group: UNASSIGNED

Filed:

February 4, 2002

Examiner: UNASSIGNED

For:

A METHOD FOR EXTRACTING QUANTITIVE

INFORMATION RELATING TO AN INFLUENCE ON

A CELLULAR RESPONSE

INFORMATION DISCLOSURE STATEMENT (SUBMISSION WITH CONTINUATION-IN-PART OR RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Assistant Commissioner for Patents Washington, DC 20231

February 5, 2002

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION I.

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

REFERENCES PREVIOUSLY CITED OR SUBMITTED II.

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

> U.S. Appl. No(s). 09/417,197

U.S. Filing Date(s) October 7, 1999

Docket No. 3759-0120P

III. FEES

This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH,	STEWART,	KOLASCH	& BIRCH,	LLE
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Leon	nard R. St	rensson,	#30,330	
P.O. B		n 22040	1-0747	

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Enclosures:

Falls Church, VA 22040-0747 (703) 205-8000

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	References						
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	WO 96/03649	02/08/96	WIPO						
	WO 97/20931	06/12/97	WIPO						
	WO 97/30074	08/31/97	WIPO						
_	WO 98/02571	01/22/98	WIPO						
	WO 98/30715	07/16/98	WIPO						
	WO 94/23039	10/13/94	WIPO						
	WO 95/07463	03/16/95	WIPO						
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	Using Fusion Prote	ins With Green 1	Fluorescent Pro	tein	ion of the γ-Subspecie ", Journal of Cell Biolo	ogy, voi. 13	59, no. 0, 1997, p	. 1 4 03	
	Schmidt D I et al.	"Dynamic anal	ysis of alpha-PK	(C-0	GFP chimera transloca	tion events	in smooth musc	e with ı	ıltra-
	high speed 3D fluor	rescence microso	copy", FASEB	Jour	nal, 1997, p. A505.	at the lead	ing edge of Dict	vosteliu	m
	cells monitored using	ng a green fluore	scent protein-co	oror	ecumulation of coroning in fusion protein", Cu	п. В101., V	01. 3, 1993, pp.	1200-12	.05.
	cells monitored using a green fluorescent protein-coronin fusion protein", Curr. Biol., Vol. 5, 1995, pp. 1280-1285. Sidorova, J.M., et al. "Cell cycle-regulated phosphorylation of Swi6 controls its nuclear localization", Mol. Biol. Cell., Vol. 6, 1995, pp. 1641-1658.								
	green fluorescent pr	otein chimera".	Proc. Natl. Aca	d. S	ranslocation and intranci. USA, Vol. 93, 1996	o, pp. 4843	-4830.		
	green fluorescent protein chimera", Proc. Natl. Acad. Sci. USA, Vol. 93, 1996, pp. 4845-4850. Carey, K.L., et al., "Evidence Using a Green Fluorescent Protein-Glucocorticoid Receptor Chimera tht the RAN/TC 4 GTPase Mediates an Essential Function Independent of Nuclear Protein Import, Journal of Cell Biology, Vo. 133, 1996, pp. 985-996.								
	Ogawa H. et al., "Localization, trafficking, and temperature-dependence of the Aequorea green fluorescent protein in								
İ	cultured vetebrate cells", Proc. Natl. Acad. Sci. USA, Vol. 92, 1995, pp. 11899-11903								
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(1174	Westphal, M., et al.	, "Microfilamen	nt dynamics durin	g cell movement and	, incirio canada		mally int	eract	
·	Toda, T. et al., "Th with protein kinace	e fission yeast s C and an osmo	sts 5+ gene is requisions of the sensing MAP-kin	ase pathway", J. Cell	IL Specific G	ene Expression	and Subo	ellul	
	Webb, C.D., et al.,	"Use of Green	Fluorescent Protei	1.4:1:-!! I Pocterio!	Vol. 177, 19	95, pp. 5906-59	11	94-	
	Adams, S. R., et al., Fluorescence ratio imaging of cyclic Aivil in single control								
	697. Blobe, G. C., et al., "Protein kinase C βII specifically binds to and is activated by F-actin, J. Biol. Chem., Vol. 271, No. 26, 06/28/96, pp. 15823-15830.								
	Chalfie, M. et al., "Green Fluorescent protein as a marker for gene expression, second,								
	805. Cossette, L. J., et al. "Localization and down-regulating role of the protein tyrosine phosphatase PTP2C in membrane ruffles of PDGF-stimulated cells", "Experimental Cell Research, Vol. 223, 1996, pp. 459-466.								
	Debernardi, M. et al., "Single cell Ca ²⁺ /cAMP cross-talk monitored by sindants of the control								
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	Sakai, N., et al., "Translocation of γ-subtype of protein kinase c-direct visulation in living cells using fusion protein with green fluorescent protein", Society for Neuroscience, Vol. 22, 1996, p. 371, Abstract 150.1								
·	Sakai, N., et al., "Translocation of protein kinase C-γ and -ε- Direct visualization in living cells using fusion protein with green fluorescent protein", Japanese J. Pharmacology, Vol. 73, 1997, page 69 (Abstract of meeting held March 22-23 1997)								
	Fulop, et al., "Cellular distribution of protein kinase C isozymes in CD3-mediated stimulation of human T lymphocytes with aging", FEBS Letters, Vol. 375, 1995, pp. 69-74.								
	Bastiaens, P.I.H., et al., "Miscospectroscopic imaging tracks the intracellular processing of a signal transduction protein: fluorescent-labeled protein kinase CβI, Proc. Natl. Acad. Sci. USA, Vo. 93, August 1996, pp. 8407-8612.								
	Sano, M., et al. "The activation and nuclear translocation of extracellular signal-regulated kinases (ERK-1 and -2) appear not to be required for elongation of neurites in PC12D cells", Brain Res., Vol. 688, 1995, pp. 213-218.								
	Godson, C., et al. "Isoform-specific redistribution of protein kinase C in living cells", Biochimica et Biophysica Acta, Vol. 1313, 1996, pp. 69-71.								
	Farese, R. et al., "Effects of insulin and phorbol esters on subcellular distribution of protein kinase C isoforms in rat adipocytes, Biochem, J., Vol. 288, 1992, pp. 319-323.								
	Khalil, R. A., et al., "Ca ²⁺ -independent isoforms of protein kinase C differentially translocate in smooth muscle", American Physiological Society, Vol. 263 (3 Pt. 1), 1992, C714.								
EXAMINER DATE CONSIDERED									
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.